

## Abstract

A combustion turbine engine suited to operation in response to a flow of high-temperature gas. The combustion turbine engine generally includes an outer housing including walls that define an inlet, an outlet, and an inner surface. An insulation  
5 cartridge is disposed within the outer housing and defines an inner space. The insulation cartridge includes a wall and a core and is operable to at least partially thermally insulate the outer housing from the flow of high-temperature gas. A turbine rotor is disposed substantially within the inner space and is rotatable in response to the flow of high-temperature gas.

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